

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/076738 A2

(51) International Patent Classification: Not classified

(21) International Application Number:
PCT/IL2005/000182

(22) International Filing Date: 13 February 2005 (13.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/546,006 18 February 2004 (18.02.2004) US

(71) Applicant (for all designated States except US): ELEC-
TRA LTD. [IL/IL]; 4 Sapir Street, 75143 Rishon LeZion
(IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MEITUS, Oren
[IL/IL]; 181 Arbel Street, 44851 Alfei-Menashe (IL).
BICHACHI, David [IL/IL]; 1 Ha-Ezrog Street, 42810

Tsur-Moshe (IL). ASHKENAZI, Daniel [IL/IL]; 3 Ben
Sira Street, 62916 Tel Aviv (IL). SURDIN, Alexander
[IL/IL]; 2231 Gluskin Street, 76273 Rehovot (IL). CHEN,
Yaron [IL/IL]; 4 Ofarim Street, 70800 Gan-Yavne (IL).

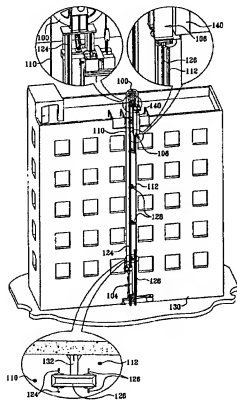
(74) Agents: SANFORD T. COLB & CO. et al.; P.O. Box
2273, 76122 Rehovot (IL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page])

(54) Title: MASS RESCUE AND EVACUATION SYSTEM



(57) Abstract: A mass rescue system including at least one upper rotatable support, at least one lower rotatable support disposed below the at least one upper rotatable support, at least one elongate flexible element wound about the at least one upper and at least one lower rotatable supports and at least first and second rescue platforms mounted on the at least one elongate flexible element at locations therealong arranged with respect to the upper and lower rotatable supports such that downward motion of the first rescue platform produces concomitant upward motion of the second rescue platform and vice versa, the first and second rescue platforms, when loaded to different weights, being operative to undergo upward and downward motion produced by gravitational acceleration and without requiring an external energy source.

WO 2005/076738 A2